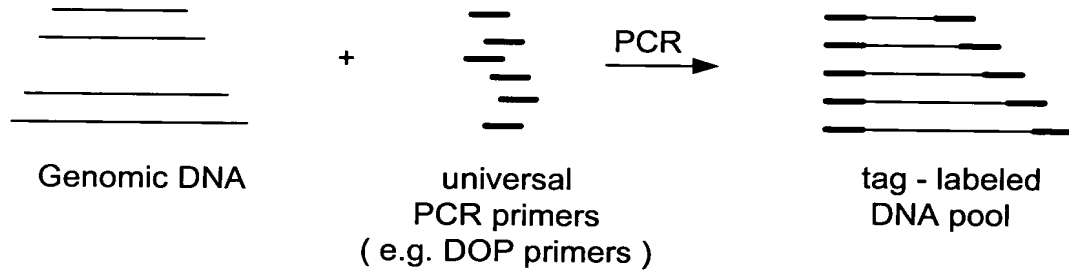
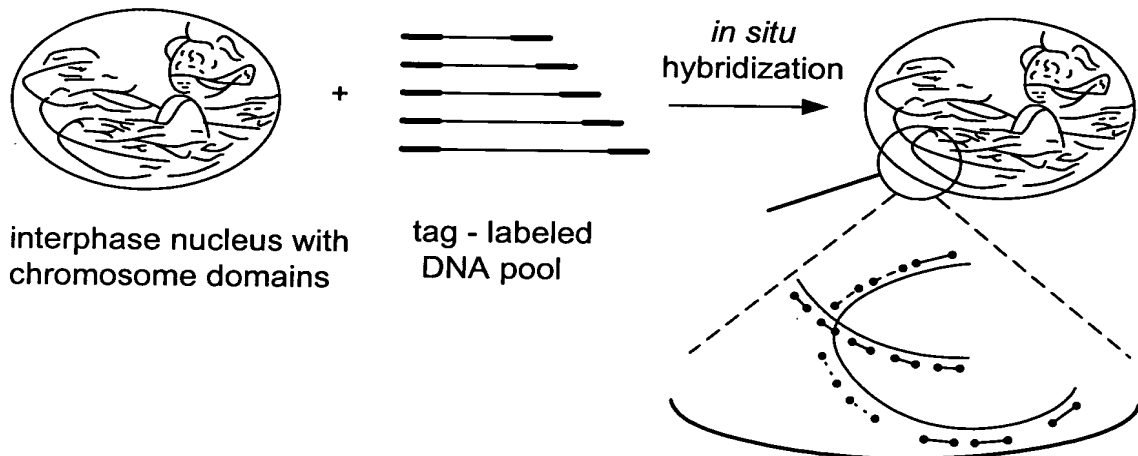


Diagram of " Tagged Genome Hybridization "

- 1.) Preparation of a representative tag - labeled DNA pool from genomic DNA of normal cells by means of a universal PCR method.



- 2.) *In situ* hybridization of interphase nuclei with tag - labeled DNA pool.



- 3.) Universal PCR of the isolated interphase nuclei with identical primers (see step a).

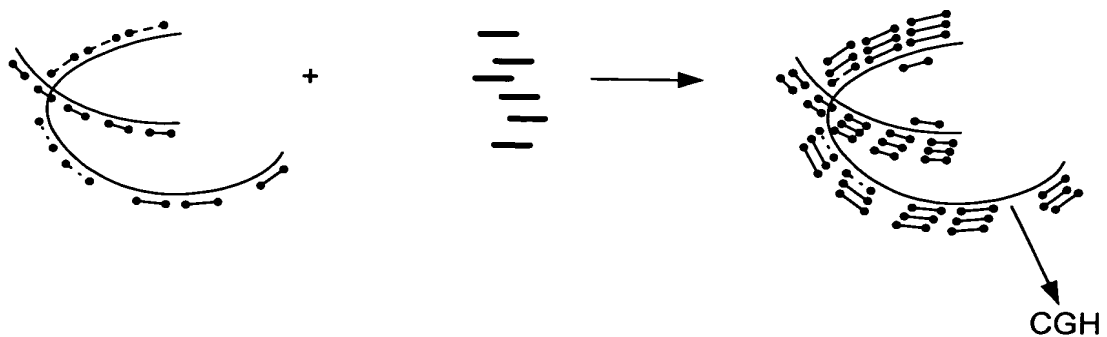
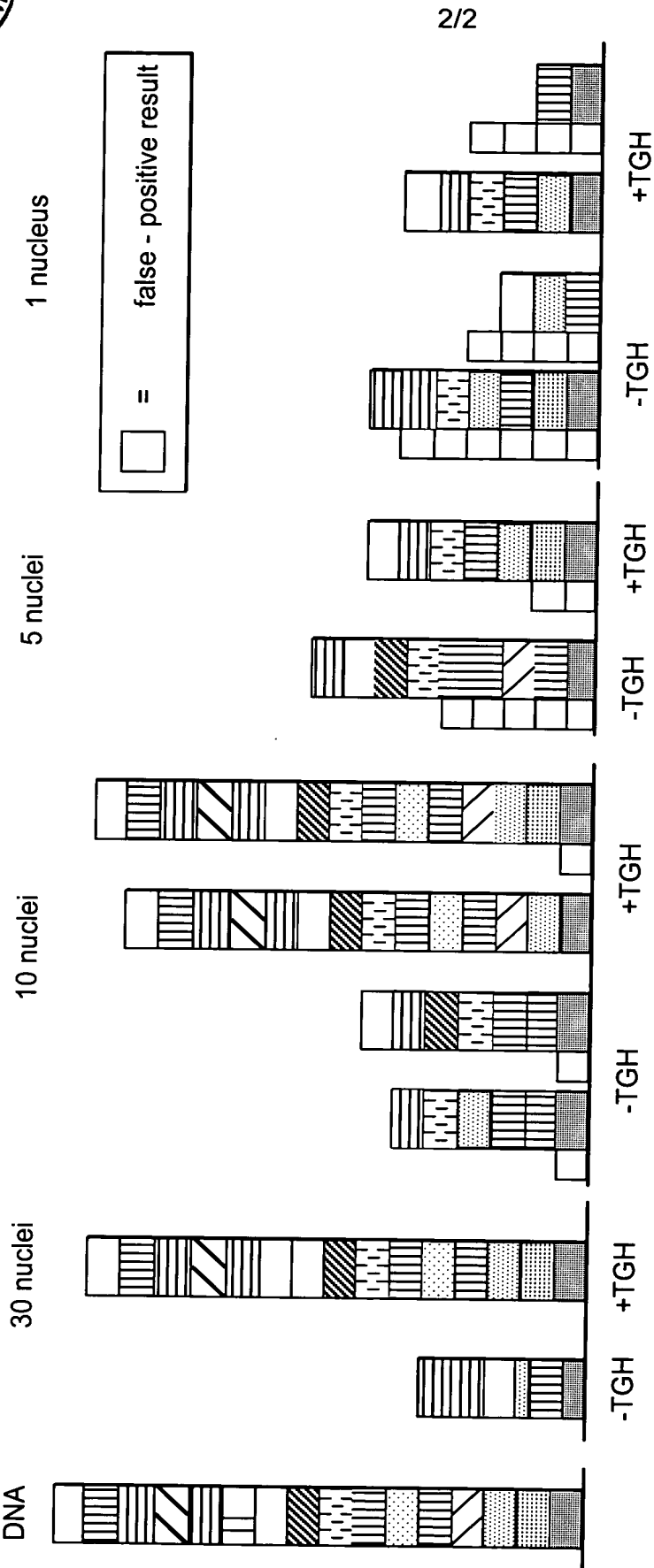


FIG. 1

Detection sensitivity of chromosomal over - representations in Colo  
 320(HRS) cells following universal PCR (DOP PCR) and CGH

Genomic:  
 DNA



Over - representations of chromosomal regions of cell line Colo 320(HSR), identified by means of CGH

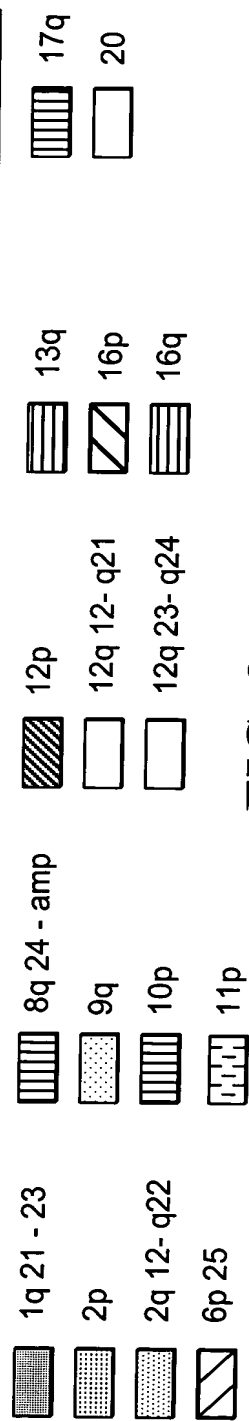


FIG. 2